

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Patent Application

Inventors      Byron Hua Chen  
                  Tung Ching Chiang  
                  Ren Da  
                  Ibrahim Tekin

Case            9-7-4-5

Serial No.      09/391123


Group Art Unit      3642

Filing Date    September 7, 1999

Examiner       C. Craver

Title            Satellite-Based Location System Employing Dynamic Integration Techniques

I hereby certify that this correspondence is being deposited with the United States Postal Service in first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC, 20231, on 4/20/00.

  
\_\_\_\_\_  
Signature  
4/20/00  
\_\_\_\_\_  
Date of Signature

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D. C. 20231

SIR:

AFFIDAVIT

We, Byron Hua Chen, a citizen of the USA, residing at 404 Brookview Court, Whippany, NJ, 07981, USA, Tung Ching Chiang, a citizen of the USA, residing at 110 North Road, Berkeley Heights, NJ, 07922, USA, Ren Da, a citizen of China, residing at 250 Alexandria Way, Basking Ridge, NJ, 07920, USA, and Ibrahim Tekin, a citizen of Turkey, residing at 123 Summit Avenue, #1, Summit, NJ, 07901, USA, declare that:

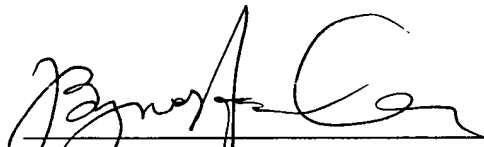
We made and conceived the invention described and claimed in patent application Serial Number 09/09/391123, filed in the United States of America on September 7, 1999, entitled "Satellite-Based Location System Employing Dynamic Integration Techniques."

We made and conceived this invention while employed by Lucent Technologies Inc. as a result of our work on the Geo-location project while we were looking to improve signal acquisition time.

The invention is related to work that we are employed to perform and was made within the scope of our employment duties.

The invention was made during working hours and with the use of facilities, equipment, material, funds, information and services of Lucent Technologies Inc.

The invention was not made, conceived or first reduced to practice under nor is there any relationship of this invention to the performance of any work under any contract or other arrangement with the National Aeronautics and Space Administration (NASA).

  
Byron Hua Chen

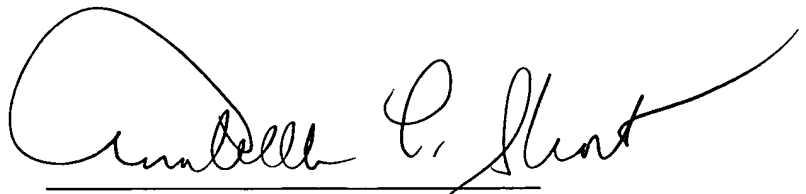
Date: 4/5/2000

United States of America )

State of New Jersey ) ss.:

County of Morris )

On this 5 day of April, 2000, before me personally came, Byron Hua Chen to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

ANNABELLE L. SHORT  
NOTARY PUBLIC OF NEW JERSEY USA  
My Commission Expires Jan. 31, 2005

  
Tung Ching Chiang

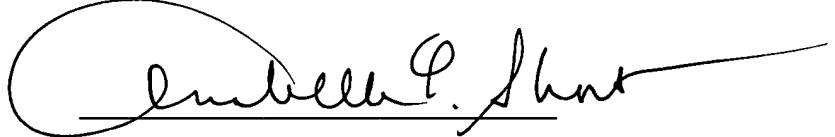
Date: 4/17/00

United States of America )

State of New Jersey ) ss.:

County of Morris )

On this 17 day of April, 192000, before me personally came, Tung Ching Chiang to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

ANNABELLE L. SHORT  
NOTARY PUBLIC OF NEW JERSEY USA  
My Commission Expires Jan. 31, 2005

Ren Da  
Ren Da


Date: 4/13/2000

United States of America )

State of New Jersey ) ss.:

County of Morris )

On this 13 day of April, 192000, before me personally came, Ren Da to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

ANNABELLE L. SHORT  
NOTARY PUBLIC OF NEW JERSEY USA  
My Commission Expires Jan. 31, 2005

Ibrahim Tekin  
Ibrahim Tekin

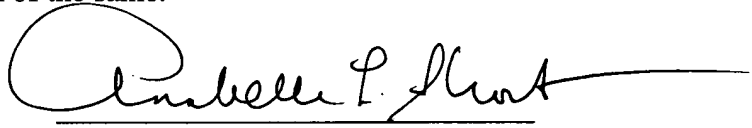
Date: 04/05/2000

United States of America )

State of New Jersey ) ss.:

County of Hudson )

On this 5 day of April, 2000, before me personally came, Ibrahim Tekin to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

**ANNABELLE L. SHORT**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires Jan. 31, 2005**

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